| Index of Cla | Appl           | icatio | on No. |              | Applicant(s)  AVIV ET AL.  Art Unit |          |  |  |
|--------------|----------------|--------|--------|--------------|-------------------------------------|----------|--|--|
|              | 10/6           | 44,68  | 37     |              |                                     |          |  |  |
|              |                | Exar   | niner  |              |                                     |          |  |  |
|              |                | Taof   | iq A.  | Solola       | 1626                                |          |  |  |
| √ Rejected   | _ (Through num |        | N      | Non-Elected  | A                                   | Appeal   |  |  |
| = Allowed    | ÷ Restricte    | d .    | 1      | Interference | 0                                   | Objected |  |  |

| Claim             | Date   |                  |             |                     |  | Claim Date |                 |          |           |   |   |  | _               | Claim Date |  |            |          |            |          |          |          | _        |          |          |          |
|-------------------|--|------------------|-------------|---------------------|--|------------|-----------------|----------|-----------|---|---|--|-----------------|------------|--|------------|----------|------------|----------|----------|----------|----------|----------|----------|----------|
|                   | 9141   | 11               | $\top$      |                     | ┧┝   |            |                 | Т        |           | Ť   | T   |  | 1               | -          | 1  | amı        | ┝        | г          |          | ᅮ        | Jate     | ;<br>—   | _        |          | -        |
| Final<br>Originat |  |                  |             |                     | -  | .   3      | Singling:       |          | ΙI        | 1   |   | 1  | H               | 1          | 1 =  | ᅙ          |          | Ιl         | - 1      |          |          |          |          |          |          |
| Final<br>rigin    | 124181   | 11               |             |                     | Te ci  |            | 5               |          | 1 ]       | - 1   |   | 1  | 1               | -          | Final  | Original   |          | 1          | - 1      |          | Į.       | l        |          | - 1      |          |
| آ تا              | 0405   |                  |             | 1 1                 | "  | .   9      | 5               | 1        | i - i     |   |   | 1  |                 | ı          | ш.   | ō          | l        |            | - 1      | - 1      |          |          |          | - 1      |          |
| 1                 | 1  | +                |             |                     | ┨┝╌  |            |                 | ┼        |           | -   | -   | 4  | <del> </del>    | 4          | $\vdash$   |            | _        | $\sqcup$   | _        | _        | _        |          | $\Box$   | _        | _        |
|                   | 1:1:1-1  |                  | -           | ⊢-                  | ┨┝   | 5          |                 | ┿        | $\vdash$  | 4   |   | 4-   | $\vdash$        | 4          | <u> </u>   | 101        | L        |            | _        | _        | _        |          | _        | _        | _        |
| 2                 | ╀╂┼  | +                | _           | $\vdash \downarrow$ | ┨┝   | 5          |                 | ┿        | Ш         | 4   | $\perp$   | 4  | $\sqcup$        | -1         | _  | 102        | oxdot    | Ш          | _        | 4        | _        |          |          | $\perp$  | _        |
| 3                 | ╀╂┼┼┼  | $\dashv$         | -           | $\vdash$            | ┨ ├  | 5          |                 | 1_       |           | _   |   |  | $\sqcup$        | _          |  | 103        |          | Ш          |          | ┙        | $\Box$   |          |          |          |          |
| 4                 | <del>                                     </del> | -  -             | - -         | <del>-</del>        | ┨┝   | 5          | 4               | $\bot$   | Ш         | _   |   |  | $\sqcup$        | ┙          | <u></u>  | 104        |          | $\sqcup$ 1 |          |          |          |          |          |          |          |
| 5                 | ╀┼┼┼   |                  |             | ⊢⊢-                 | ┧┝   | 5          |                 | $\bot$   | $\square$ | _ .   |   | 4_   |                 | _          |  | 105        |          |            |          |          | l        |          |          |          |          |
| 6                 |  |                  | 4_          | Ц.,                 | J  | 5          |                 |          | Ш         | _   | $\perp$   |  |                 |            |  | 106        |          |            |          |          |          |          |          | $\Box$   |          |
| 1                 | H  |                  | $\bot$      | Ш_                  | ┨┝   | 5          |                 | 1_       | Ш         | _   | $\bot$  | 丄  | $oxed{oxed}$    | ┙          | L  | 107        |          |            |          |          | l        |          |          |          |          |
| 8                 | 11141  |                  | -           | $\vdash$            | <b>↓                                    </b>   | 5          |                 | Ц        | Ш         | _   |   |  |                 |            | L  | 108        |          |            |          |          |          |          |          |          |          |
| 9                 | <del>                                     </del> | $\bot\bot$       | $\bot$      | Ш                   | ⇃닎   | 5          |                 |          | Ш         |   | $\perp$   |  |                 |            |  | 109        |          |            | Т        | П        | ٦        |          | $\neg$   | П        |          |
| 10                |  |                  |             |                     | ┚┖   | 6          |                 |          |           |   | Ц.  |  |                 |            |  | 110        |          |            | 7        | П        |          | П        |          | T        | ╗        |
| 11                |  |                  |             | Щ                   | 1 L  | 6          |                 |          |           | $\Box$  | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |  |                 | ]          |  | 111        |          |            | _T       |          |          |          | $\neg$   | 寸        | $\neg$   |
| 12                |  |                  |             |                     |  | 6          |                 | L        | П         | $oldsymbol{ol}}}}}}}}}}}}}}}$ |   | $oldsymbol{ol}}}}}}}}}}}}}}$ | $\Box T$        | ]          |  | 112        |          |            |          |          |          |          | 一        | 7        | $\neg$   |
| 13                |  |                  |             | $\Box$              |  | 6          |                 |          |           | T   |   | $\Box$   | $\BoxT$         |            |  | 113        |          | П          |          | $\neg$   | 寸        | ↰        | 寸        | 7        | $\neg$   |
| 14                |  |                  |             |                     |  | 6          |                 |          |           |   | $oldsymbol{\mathbb{I}}$                           | $\perp$  |                 |            |  | 114        |          |            |          |          | $\neg$   | 一        | 7        | $\dashv$ | ヿ        |
| 15                |  |                  |             | LE                  |  | 6          |                 | $\Gamma$ |           | $\Box T$  |   | $\perp$  |                 | ]          |  | 115        |          |            | $\neg$   | 7        | 寸        | 一        | 寸        | $\dashv$ | $\dashv$ |
| 16                |  |                  |             | $\Box \Box$         | J  | 6          |                 | $\prod$  |           |   |   | T  |                 |            |  | 116        |          | $\Box$     | $\neg$   |          | $\neg$   | _        | $\dashv$ | 7        | $\neg$   |
| 17                |  | ЦП               |             |                     |  | 6          | 7               | I        |           | $\Box$  |   | Τ  |                 | 7          |  | 117        |          | ヿ゙         | 7        | 寸        | ヿ        | _        | 1        | $\dashv$ | ᅥ        |
| 18                |  |                  |             |                     | ] [  | 6          | 8               | 1        | П         | T   | Т   | 7  | П               | 7          |  | 118        |          |            |          | 寸        | ┪        | 寸        | $\dashv$ | _        | ᅦ        |
| 19                |  |                  |             |                     | ] [  | 6          | 9               | П        |           |   | $\top$  | 1  | П               | ٦          |  | 119        |          |            | $\neg$   | ┪        | $\neg$   | 寸        | _        | 一        | _        |
| 20                |  | $\top$           |             |                     | 1  | 7          | 0               | T        |           | $\neg$  | ┱   | 1  |                 | 7          |  | 120        |          | $\Box$     | _†       | 寸        | 寸        | T        | 7        | 7        | ヿ        |
| 21                |  |                  |             |                     | 1 [  | 7          | 1               |          |           | $\neg$  | $\neg$  | 1  |                 | 7          | $\vdash$   | 121        | $\Box$   |            | $\neg$   | 寸        | 1        | T        | $\dashv$ | 7        | ᅱ        |
| 22                |  |                  |             |                     | 1  | 7          | 2               |          |           | 1   | 1   | $\top$   | $\Box$          | ٦          | $\vdash$   | 122        | $\vdash$ | $\dashv$   | -        | 7        | ┪        | _        | $\dashv$ | -        | $\dashv$ |
| 23                |  |                  |             |                     | 1 🗀  | 7          | 3               |          | П         |   |   |  |                 | ヿ          |  | 123        |          | $\dashv$   | _        | ╅        | _        | $\dashv$ | 7        | 1        | ᅱ        |
| 24                | ИИ   | $\top$           |             |                     | 1  | 7          |                 | $\top$   |           |   |   | $\top$   |                 | 7          |  | 124        |          | $\dashv$   | _        | ┪        | $\dashv$ | ヿ        | 7        | 7        | ᅥ        |
| 25                |  |                  |             |                     | 1  | 7          | 5               |          |           | 7   | $\top$  | 1  |                 | 7          |  | 125        |          | _          | $\dashv$ | 十        |          | 7        | 7        | +        | ᅥ        |
| 26                |  | $\top$           |             |                     | 1  | 7          |                 |          | $\Box$    | 寸   | _   | +-   |                 | 1          | $\vdash$   | 126        |          |            | +        | ┪        | -        | $\dashv$ | -        | $\dashv$ | ᅱ        |
| 27                |  |                  | $\neg \neg$ |                     | 1 🗀  | 7          |                 | 1        | $\Box$    | 十   | $\neg$  | 1  |                 | 7          | $\vdash$   | 127        |          | $\neg$     | $\dashv$ | 十        | 寸        | 7        | ┪        | _        | ᅥ        |
| 28                |  | 77               | $\top$      |                     | 1  | 7          |                 | $\vdash$ |           | $\dashv$  | $\top$  | 1  |                 | 1          |  | 128        |          | $\dashv$   | $\dashv$ | ╅        | ┪        | -        | $\dashv$ | $\dashv$ | ㅓ        |
| 29                |  | 11               | . 1         |                     | 1  -   | 7          |                 | 1        |           | +   | _   | 1-   | <del>   -</del> | ┨          |  | 129        |          | -+         | +        | 十        | +        | -        | ╅        | -+       | ᅱ        |
| 30                |  |                  | $\top$      |                     | 1  | 8          |                 | 1        | 1         | ╅   | +   | +  | -               | -          | $\vdash$   | 130        |          | $\dashv$   | $\dashv$ | -        | +        | +        | $\dashv$ | -+       | ᅱ        |
| 31                |  | $\top$           | $\top$      |                     | 1  | 8          |                 | 1        | 1         | _   | $\top$  | 1  |                 | 1          |  | 131        | $\neg$   | $\dashv$   | ╅        | +        | +        | -        | ╅        | +        | ᅥ        |
| 32                |  |                  | 77          |                     | 1 🗔  | 8          |                 | $\top$   |           | +   | 十   | +-   | $\vdash$        | 7          | $\vdash$   | 132        |          | $\dashv$   | +        | +        | $\dashv$ | -+       | $\dashv$ | $\dashv$ | $\dashv$ |
| 33                |  | 11               | 11          | $\top$              | 1 🗁  | 8          |                 | 1-       | -         | 十   | _   | +  | $\vdash$        | 1          | Н  | 133        |          | $\dashv$   | +        | $\dashv$ | $\dashv$ | +        | +        | $\dashv$ | ᅱ        |
| 34                |  | 11               | 11          | $\neg$              | 1 H  | 8          |                 | T        | $\dashv$  | 十   | +   | 1  | $\vdash \vdash$ | 1          | $\vdash \vdash$                                  | 134        | $\dashv$ | $\dashv$   | ╅        | +        | $\dashv$ | -+       | +        | $\dashv$ | $\dashv$ |
| 35                |  | $\top$           | 1-1         |                     | 1  | 8          |                 | Н        | 1         | $\top$  | +   |  |                 | ┪          | $\vdash$   | 135        | $\dashv$ | -+         | +        | +        | $\dashv$ | $\dashv$ | +        | +        | ᅱ        |
| 36                |  | <del>     </del> | 11          |                     | 1  | 8          |                 | Н        | $\dashv$  | +   | 十   | +  | $\vdash \vdash$ | 1          | $\vdash \vdash \vdash$                           | 136        | $\dashv$ | $\dashv$   | +        | +        | $\dashv$ | $\dashv$ | +        | +        | ᅱ        |
| 37                | <del>                                     </del> | <del>   -</del>  | +-1         | -                   | 1 🗁  | 8          |                 | T        | $\dashv$  | 十   | +   | +-   |                 | 1          | <del>  </del>                                    | 137        | -        | $\dashv$   | -        | +        | -+       | $\dashv$ | +        | +        | ᅱ        |
| 38                | <del>                                     </del> | +-               | ╅┪          |                     | 1  | 8          |                 | H        | -+        | +   | +   | +-   | $\vdash$        | -          | $\vdash\vdash$                                   | 138        | $\dashv$ | -+         | +        | +        | $\dashv$ | -        | +        | +        | $\dashv$ |
| 39                |  | ++               | +           | +                   | 1  | 8          |                 | +        | $\dashv$  | +   | +   |  | $\vdash \vdash$ | 1          | $\vdash$   | 139        |          | $\dashv$   | ┰        | 十        | -+       | +        | +        | +        | ᅱ        |
| 40                | <del>                                     </del> | <del>- - -</del> | +-          |                     | 1  | 9          |                 | $\vdash$ | +         | +   | +   | +  | -               | +          | $\vdash\vdash$                                   | 140        | $\dashv$ | +          | ┰        | +        | $\dashv$ | +        | +        | +        | 4        |
| 41                | <del>                                     </del> | +                | ╅┪          |                     | 1 -  | 1 9        |                 | $\vdash$ | -         | ╁   | +   |  | +               | $\dashv$   | $\vdash\vdash$                                   | 141        | -        | +          | +        | +        | $\dashv$ | -        | $\dashv$ | +        | ᅴ        |
| 42                | <del> - - -</del>                                | +-+-             | +           | $\dashv$            | 1  | 9          |                 | $\vdash$ | -         | +   | +-  |  | $\vdash$        | 4          | $\vdash\vdash\vdash$                             |            |          | $\dashv$   | +        | +        | $\dashv$ | -+       | +        | -+       | 4        |
| 43                | <del>                                     </del> | <del>- - -</del> | 1-1         | $\dashv$            | 1 -  | 9:         |                 | Н        | $\dashv$  | +   | +   | ++   |                 | -          | $\vdash$   | 142<br>143 | -        | +          | +        | +        | $\dashv$ | +        |          | +        | $\dashv$ |
| 44                |  |                  | +           | +                   | 1 -  | 9          | $\leftarrow$    | ╁┼       | $\dashv$  | +   | +   | +  |                 | ┨          | $\vdash \vdash$                                  | 144        | -        | ┿          | -}       | +        | -+       | $\dashv$ |          | +        | ᅱ        |
| 45                | <del>                                     </del> | ++               | +           |                     | <b>∣</b>                                       | 9          |                 | $\vdash$ | +         | +   | - -   | ╁╾┤  |                 | ┨          | <del>                                     </del> |            | -        |            | +        | -        | +        | 4        | 4        | +        | 4        |
| 46                | <del>         </del>                             | +                | ╁┼          |                     | <del>                                   </del> | 9          | Ή               | $\vdash$ | -+        | +   | +   | ╁┤   | $\vdash$        | 4          |  | 145        | -        | $\dashv$   | -        | -        | -        | -        | 4        | 4        | 4        |
| 47                | <del>-   -   -</del>  -                          | +                | ╅┥          |                     | <b>│</b>                                       | 9          | ;               | $\vdash$ | -+        | +   | +   | H  |                 | -          | $\longmapsto$                                    | 146        | -        | -+         | +        | +        | 4        | 4        | 4        | 4        | ┙        |
| 48                | ┝╼╁╼┼  | +                | +-1         |                     | l ├─   | 98         |                 | ╁        |           | +   |   | ╁╌┤  | +               | 4 .        | ┝╌┤  | 147        |          | -          | - -      | 4        | 4        | 4        | 4        | 4        | ┙        |
| 49                | <del>   -   </del>                               | ++               | ╅┩          |                     | I ├─   | 99         | ;—              | ┥        | -+        | +   | +   | +  | +               | -          | ┝┈┤  | 148        | -        | -          | 4        | 4        | 4        | 4        | 4        | 4        | _        |
| 50                |  | ++               | + +         | +                   | <del> </del>                                   | 10         | <del>; </del> - | ⊢        | +         | +   | +   | ╂╌┦  |                 | -          |  | 149<br>150 | 4        | 4          | 4        | 4        | 4        | 4        | 4        | 4        | _        |
|                   | _1_1   |                  | . 1         |                     |  | 110        | V١              |          | - 1       | - 1   | - 1   | 1.   |                 | 1          | ıl   | 150        | - 1      | - 1        | 1        | - 1      | - 1      | - 1      | - 1      | - 1      | - 1      |